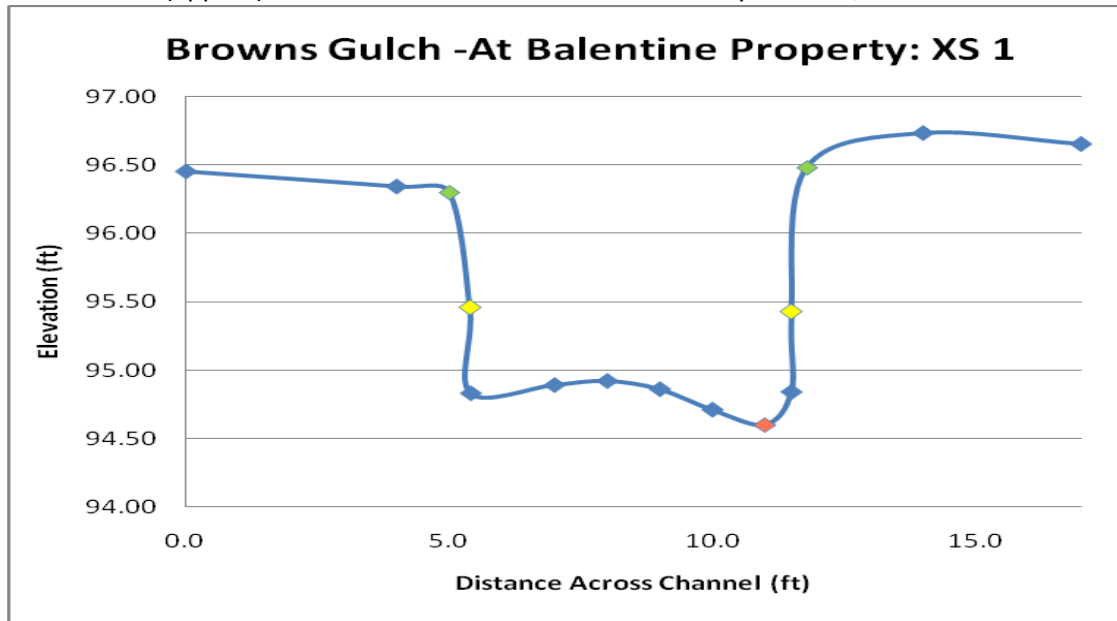


Channel Morphology and Hydraulic Data for Browns Gulch (data collected by WRC, 2011):

Site 1: Above Balantine Corrals (Above Telegraph Gulch)

Bankfull Width= 6-7 ft. Bankfull Depth= 1.2-1.8 ft.
Bankfull Width/Depth Ratio (6 sites)= 4.8 Longitudinal Channel thalweg slope = 1.3%
D50= 11mm Channel Type= Rosgen E4/E5
Bankfull flow (approx)= 55 cfs Bankfull velocity = 4.6 ft/sec



Site 2: Above Ueland (Prevost) Rd.

Bankfull Width= 16-17 ft. Bankfull Depth= 2.2- 2.8 ft
Bankfull Width/Depth Ratio (6 sites)= 3-7 (6 sites) Longitudinal Channel thalweg slope = 0.002%
D50= 8mm Channel Type= Rosgen E4/E5 to G4/G5 (incisement variable)
Bankfull flow (approx)= 132 cfs Bankfull velocity = 2.8 ft/sec

